

### COMPACT CELL CULTURE DISK

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Applicant: MICROCLONING CCCD AB

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- International: C12M1/00; C12M1/32; C12M3/00; C12M1/00; C12M1/26; C12M3/00; (IPC1-7): C12M3/00; C12M1/00; C12M1/32

- European:

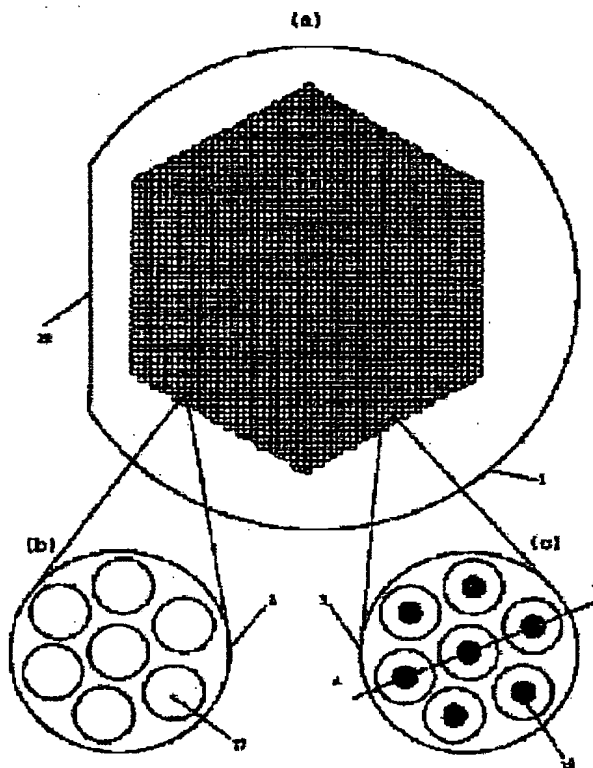
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#### Abstract of JP10276763

PROBLEM TO BE SOLVED: To provide the subject disk capable of simultaneously, mutually and independently culturing many biological samples within a wide range and simply observing cells by installing many microchambers hermetically sealable from the surroundings with a selectively divided semipermeable inner wall. SOLUTION: This compact cell culture disk 1 is obtained by arranging divided microchambers 17 including pits hermetically sealable from the surroundings with a semipermeable inner wall in the central region of the disk 1. A cell affinity plane 18 may be provided at the center of each microchamber 17. Each pit is capable of forming a closed microlaboratory in which the inner environment is determined by properties of the permeability of a covering thin membrane.



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